CLAIMS

What is claimed is:

1. A video signal conversion method for a computer that is not installed with or has not loaded in any OS (Operating System), which comprises the steps of:

obtaining a power on signal;

obtaining a channel selection signal when the power on signal is a TV selection signal;

obtaining a video signal according to the channel selection signal;

capturing the video signal; and

driving a display to turn the video signal into a visible image.

2. The method of claim 1 further comprising the step of loading in an OS when the power on signal is an operation selection signal.

3. The method of claim 1 further comprising the step of initializing a video control unit, a video tuner unit, and a video capture unit.

4. The method of claim 3, wherein the video control unit is a VGA chip.

5. The method of claim 3, wherein the video tuner unit is a video tuner chip.

6. The method of claim 3, wherein the video capture unit is a video capture chip.

7. The method of claim 3 further comprising the step of initializing an audio control unit.

8. The method of claim 7, wherein the audio control unit is an audio chip.

9. The method of claim 1, wherein the step of capturing the video signal further comprises the steps of:

demodulating the video signal into a tuned signal using the video tuner unit; and

capturing the tuned signal as a capture signal using the video capture unit.

10. The method of claim 1, wherein the step of driving a display to turn the video signal into a visible image further comprises the steps of turning the capture signal into a visible image using the video control unit.

11. The method of claim 10 further comprising the step of initializing a ZV port between the video capture unit and the video control unit.

12. The method of claim 1, wherein the computer is a notebook computer.

13. A video signal conversion method for a computer that is not installed with or has not loaded in any OS (Operating System), which comprises the steps of:

obtaining a power on signal;

initializing a VGA chip, a video tuner chip, and a video capture chip when the power on signal is a TV selection signal;

obtaining a channel selection signal;

obtaining a video signal according to the channel selection signal;

demodulating the video signal into a tuned signal using the video tuner chip;

capturing the tuned signal as a capture signal using the video capture chip; and

driving a display to turn the capture signal into a visible image using the VGA chip.

14. The method of claim 13 further comprising the step of loading in an OS when the power on signal is an operation selection signal.

15. The method of claim 13 further comprising the step of initializing an audio chip.

A' cont'd

16. The method of claim 13, wherein the step of capturing the video signal comprising the step of:

initializing a ZV port between the video capture chip and the VGA chip; and

transmitting the capture signal to the VGA chip through the ZV port.

A' cancel.

17. The method of claim 13, wherein the computer is a notebook computer.